



14042 U.S. PTO

033106

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Attorney Docket No. 10498-00031 SHEET 1 OF 20

## REPLACEMENT SHEET

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PGA + PLLA

Tooth Scaffolds

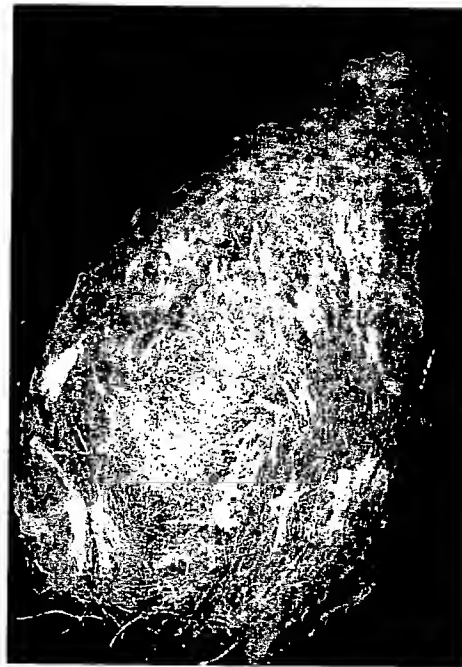


Fig. 1

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Tooth Scaffolds-PLGA

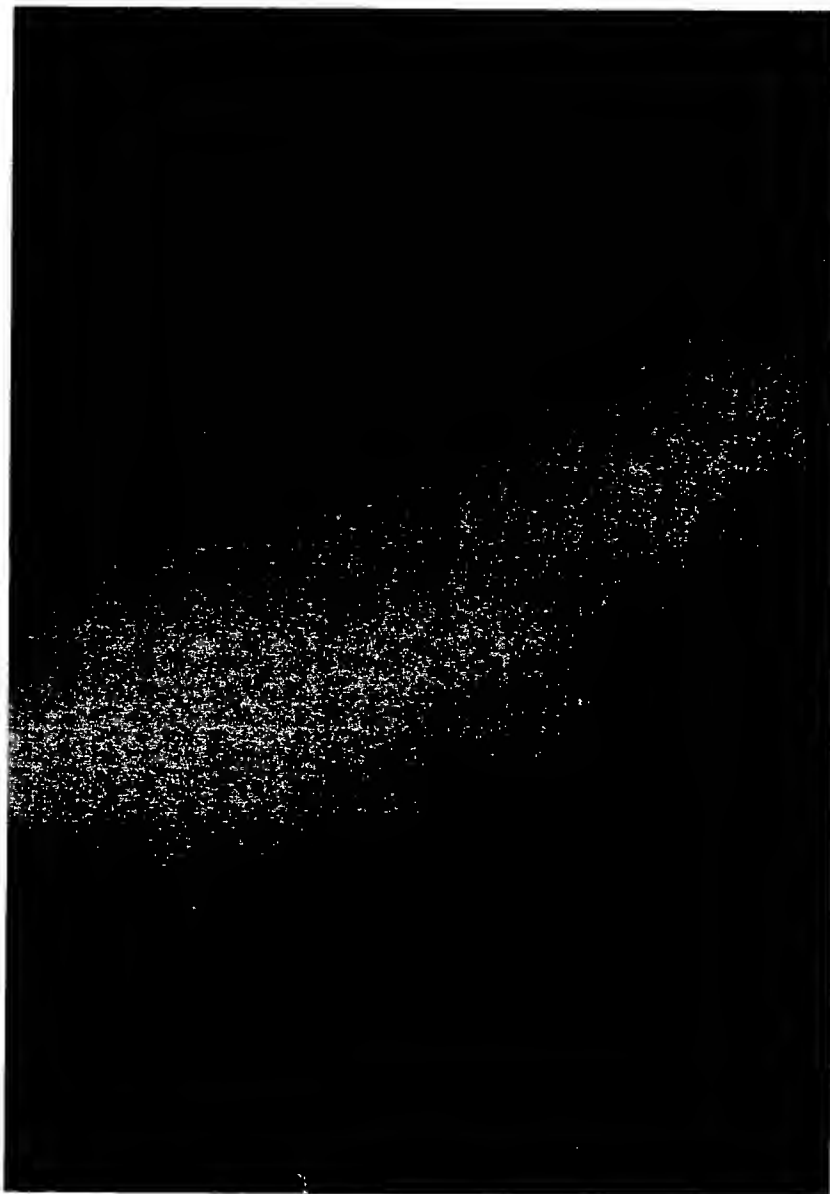


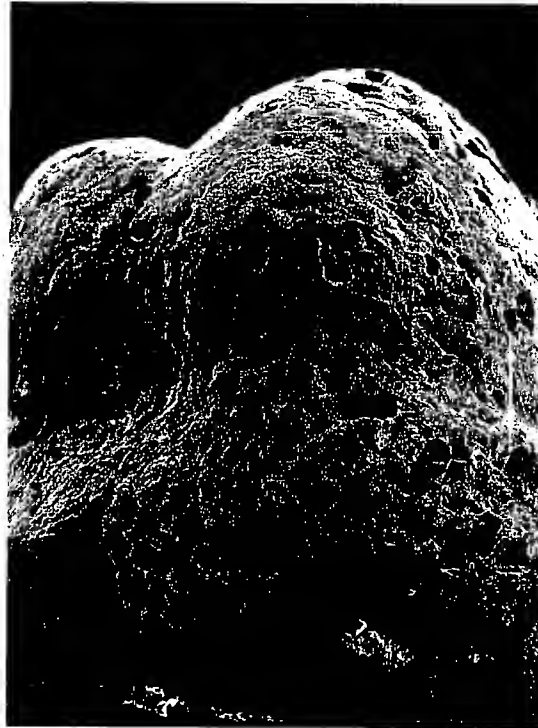
Fig. 2

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**SEM-PLGA Scaffold + Salt**



**Fig. 3**

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SEM-PLGA Scaffold + Sugar

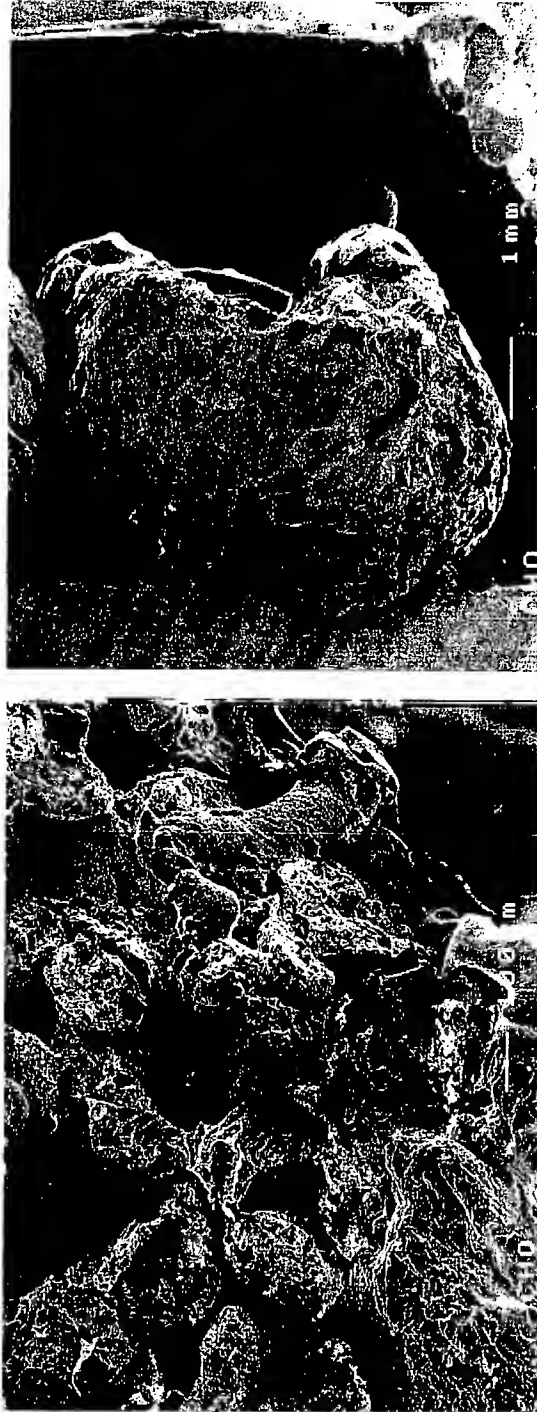
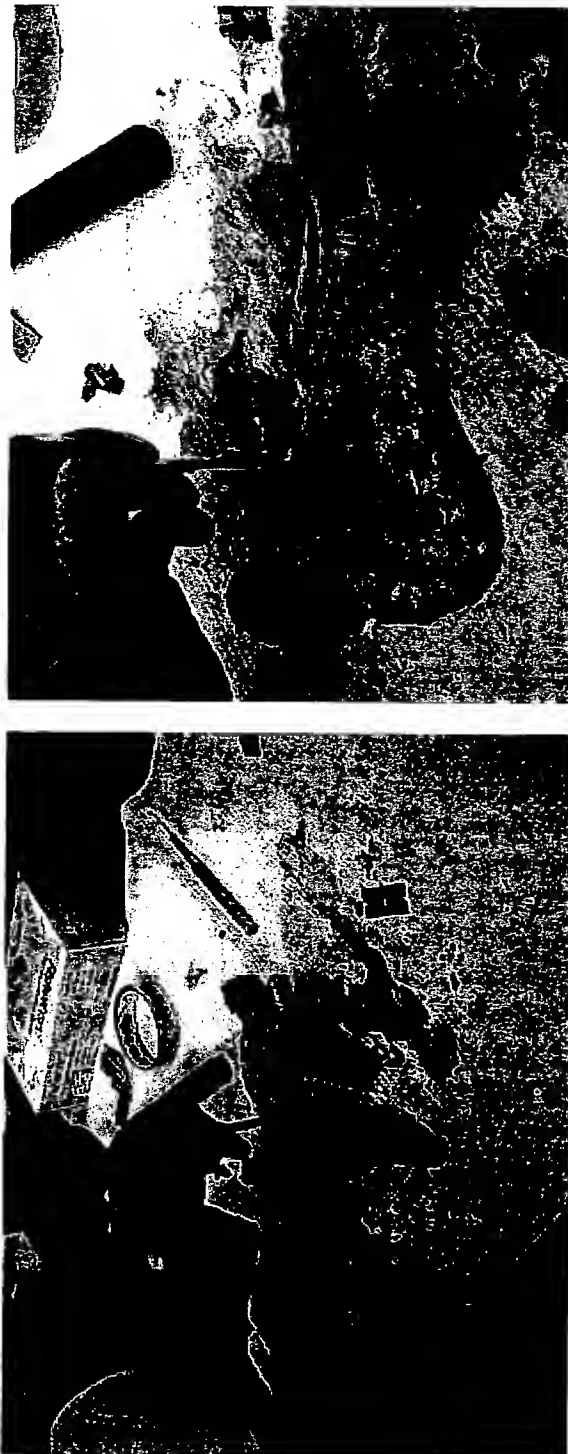


Fig. 4

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**Fig. 5**

**Removal of Porcine Third Molar**

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Removal of Porcine Third Molar

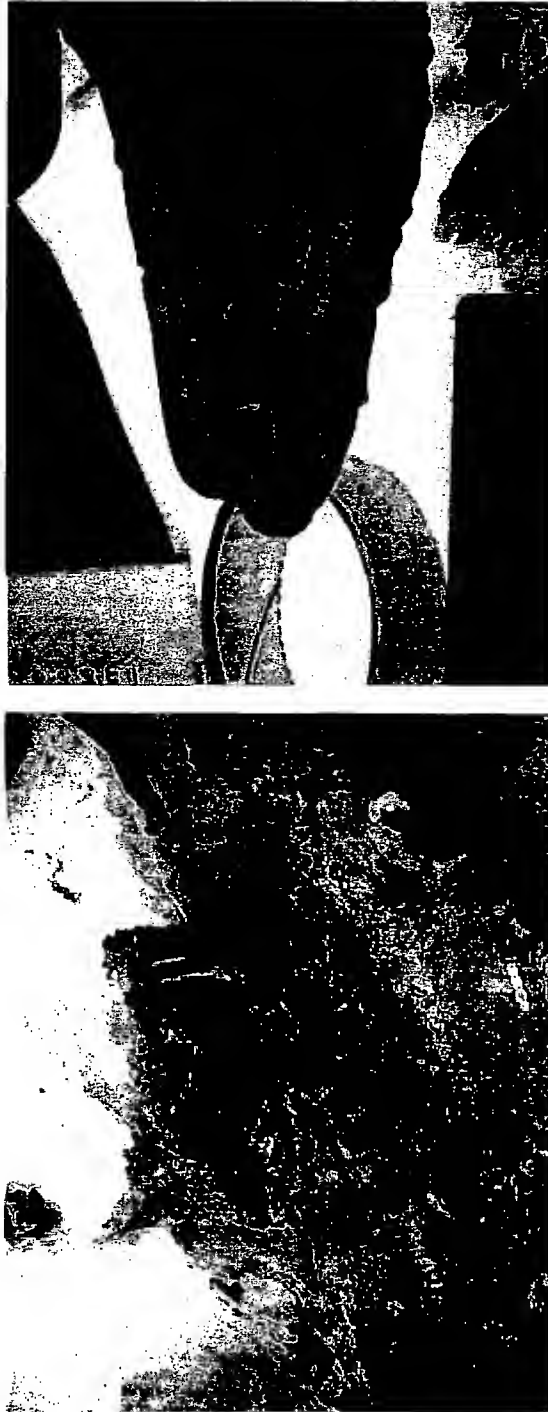
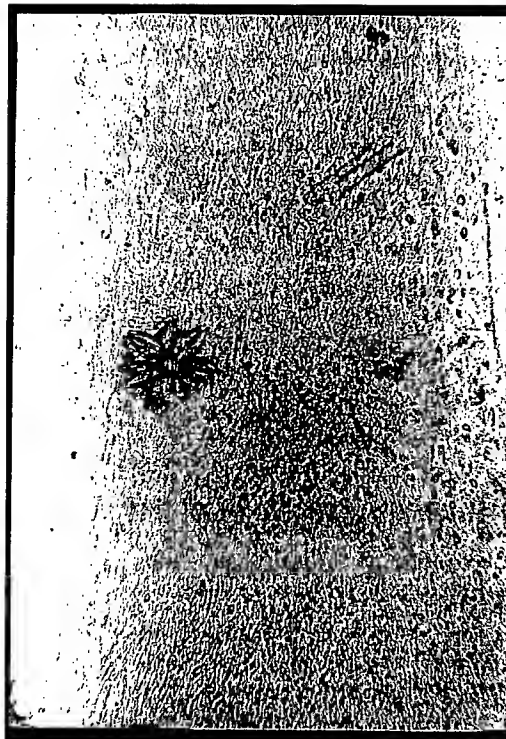
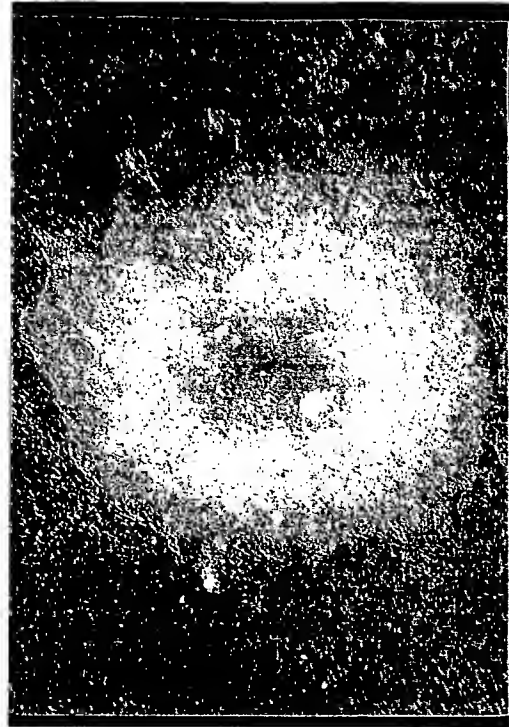


Fig. 6

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Porcine Tooth Tissue Culture



**Fig. 7**

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Tissue Culture-Von Kossa Stain

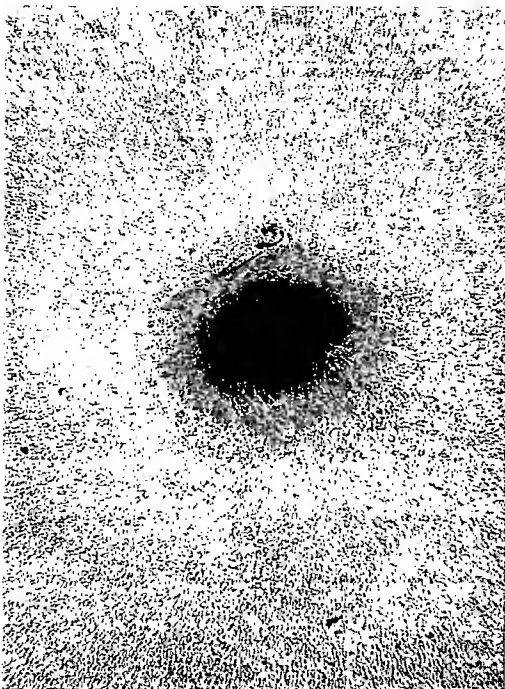
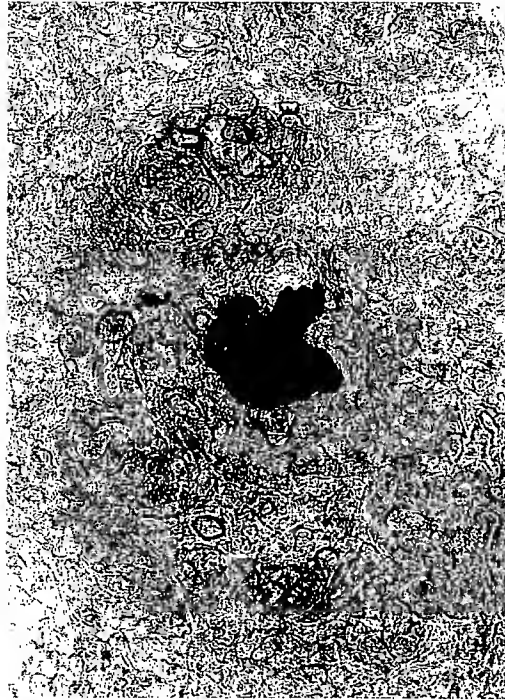


Fig. 8

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**Rat Radiographs - Human Tooth**



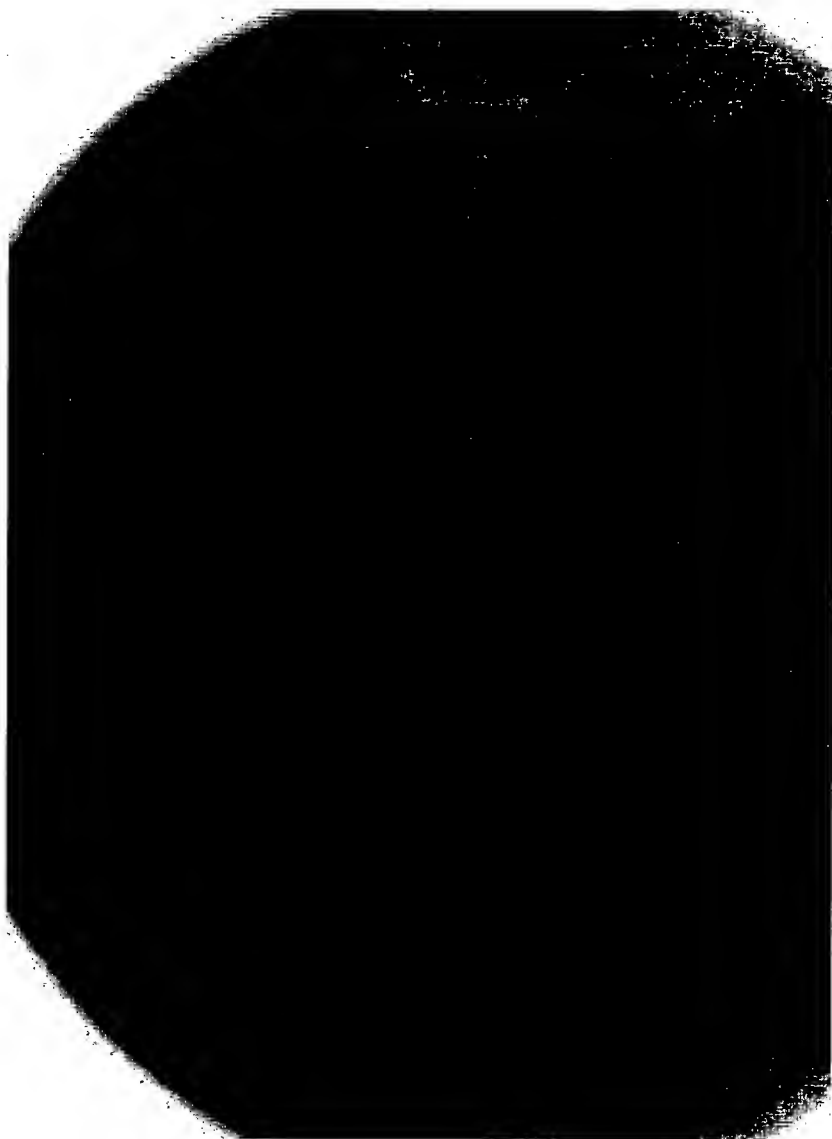
**Fig. 9**

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**Rat Radiographs - Implant, 7.5 weeks**



**Fig. 10**

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Dissection of Tissue



Fig. 11

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Dissection of Tooth Tissue  
7.5 weeks



**Fig. 12**

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**Dissected Tooth Tissue - 7.5 Weeks**



**Fig. 13**

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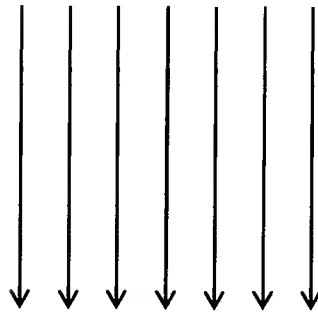
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Dissected Tooth Tissue Cysts - 7.5 Weeks

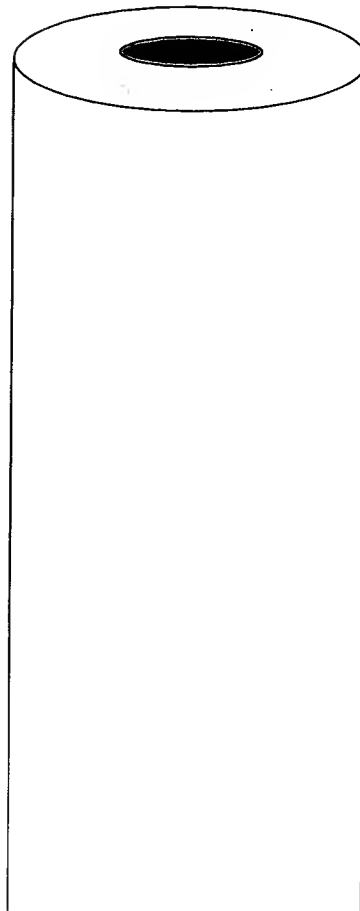


**Fig. 14**

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Tissue Samples Were Sectioned



**Fig. 15**

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Goldner's Stain  
Green = mineralized tissue

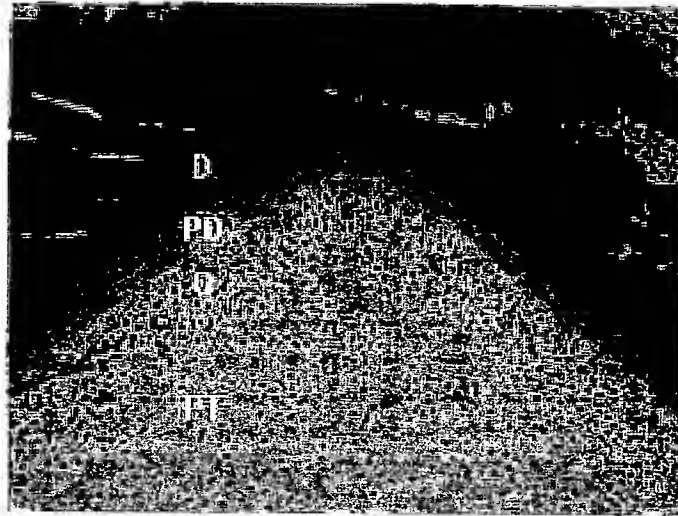


**Fig. 16**



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**Fig. 17**

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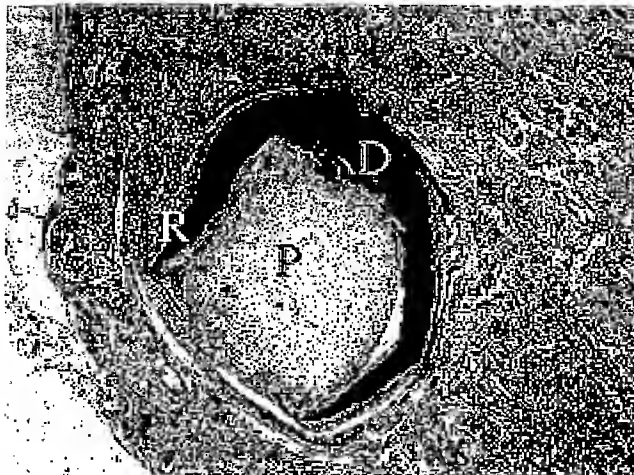
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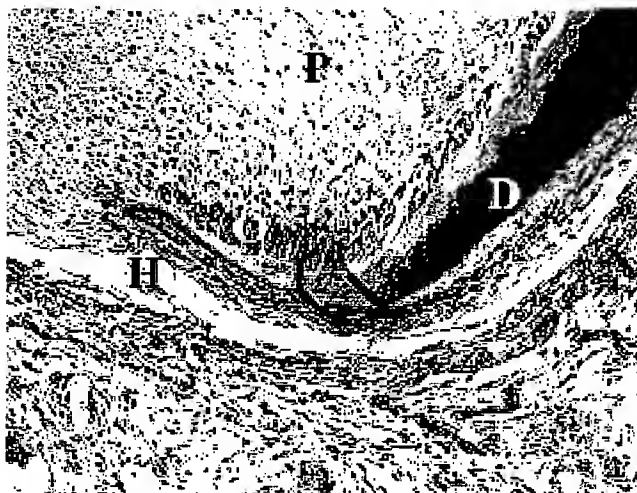
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**A**



**B**

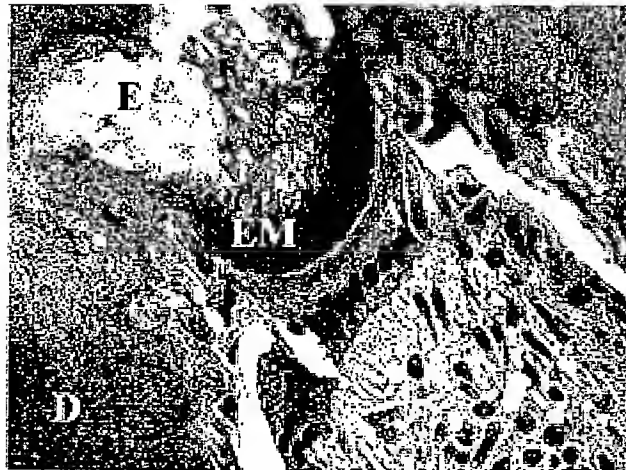


**Fig. 18**

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**A**

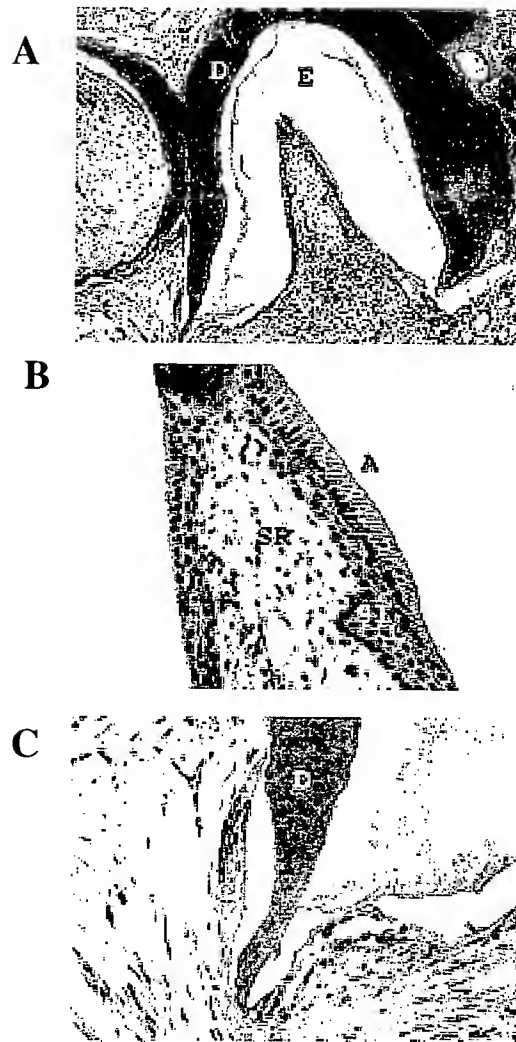


**B**



**Fig. 19**

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**Fig. 20**

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